

2. (Unchanged From Prior Version) The apparatus according to claim 55, further comprising condition holding means for holding information of the print job, and wherein the information informed from said informing means includes information of the print job held by said condition holding means.

C1  
3. ~~(Twice Amended) The apparatus according to claim~~  
55, wherein the external apparatus is informed via a communication network, and said informing means informs all external apparatuses connected via the communication network.

C2  
5. ~~(Twice Amended) The apparatus according to claim~~  
55, wherein said determination means determines whether contents of the condition acquired by said condition acquisition means indicate a power-OFF notice signal.

C3  
7. ~~(Twice Amended) The apparatus according to claim~~  
56, wherein the external apparatus is informed via a communication network, and said informing means informs all external apparatuses connected via the communication network.

C4  
9. ~~(Three Times Amended) The apparatus according to~~  
claim 56, wherein said determination means determines whether contents of the condition acquired by said condition acquisition means indicate a power-OFF notice signal.

11. (Unchanged From Prior Version) The method according to claim 57, further comprising a condition holding step of holding information of the print job, and wherein the information informed in the informing step includes information of the print job held in the condition holding step.

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CB  
12. ~~(Twice Amended) The method according to claim~~ 57, wherein the external apparatus is informed via a communication network, and the informing step includes a step of informing all external apparatuses connected via the communication network.

MC  
14. (Unchanged From Prior Version) The method according to claim 57, wherein the determination step includes a step of determining whether contents of the condition acquired in said condition acquisition step indicate a power-OFF notice signal.

SB  
DB  
CB  
16. ~~(Twice Amended) The method according to claim~~ 58, wherein the external apparatus is informed via a communication network, and the informing step includes the step of informing all external apparatuses connected via the communication network.

MC  
18. (Unchanged From Prior Version) The method according to claim 58, wherein the determination step includes a step of determining whether contents of the condition acquired in

said condition acquisition step indicate a power-OFF notice signal.

C1 22. (Twice Amended) The apparatus according to claim 61, wherein the external apparatus is informed of the remaining paper quantity via a communication network, and said informing means informs all external apparatuses connected via the communication network of the remaining paper quantity.

23. (Twice Amended) The apparatus according to claim 61, further comprising registration means for registering print jobs, processing of which has not been completed yet, and wherein said informing means informs external apparatuses as transmission sources of the print jobs registered in said registration means of the change in remaining paper quantity.

24. (Twice Amended) The apparatus according to claim 61, further comprising registration means for registering print jobs, processing of which has not been completed yet, and wherein said informing means informs an external apparatus as a transmission source of the print job corresponding to data which is being printed among the print jobs registered in said registration means of the remaining paper quantity.

25. (Twice Amended) The apparatus according to claim 61, further comprising registration means for registering print jobs, processing of which has not been completed yet, and

C1 designation means for designating a destination of said informing means, and wherein said informing means informs, in accordance with the designation by said designation means, all external apparatuses connected, external apparatuses as transmission sources of the print jobs registered in said registration means, or an external apparatus as a transmission source of the print job corresponding to data which is being printed among the print jobs registered in said registration means, of the remaining paper quantity.

C2 27. (Amended) The apparatus according to claim 61, wherein said determination means determines whether contents of the change in condition acquired by said condition acquisition means correspond to a change in remaining paper quantity.

28. (Twice Amended) The apparatus according to claim 61, wherein when said determination means determines that the change in condition corresponds to a change in remaining paper quantity, said determination means also determines an actual remaining paper quantity, and said informing means informs the external apparatus of the actual remaining paper quantity.

C9 30. (Twice Amended) The method according to claim 62, wherein the external apparatus is informed of the remaining paper quantity via a communication network, and the informing step includes a step of informing all external apparatuses connected via the communication network of the remaining paper quantity.

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31. (Twice Amended) The method according to claim 62, further comprising a registration step of registering print jobs, processing of which has not been completed yet, and wherein the informing step includes a step of informing external apparatuses as transmission sources of the print jobs registered in the registration step of the change in the remaining paper quantity.

32. (Twice Amended) The method according to claim 62, further comprising a registration step of registering print jobs, processing of which has not been completed yet, and wherein the informing step includes a step of informing an external apparatus as a transmission source of the print job corresponding to data which is being printed among the print jobs registered in the registration step of the remaining paper quantity.

33. (Twice Amended) The method according to claim 62, further comprising a registration step of registering print jobs, processing of which has not been completed yet, and the designation step of designating a destination in the informing step, and wherein the informing step includes a step of informing, in accordance with the designation in the designation step, all external apparatuses connected, external apparatuses as transmission sources of the print jobs registered in the registration step, or an external apparatus as a transmission source of the print job corresponding to data which is being

C9 printed among the print jobs registered in the registration step, of the remaining paper quantity.

C10 35. (Amended) The method according to claim 62, wherein the determination step includes a step of determining based on the contents of the condition acquired in the determination step whether the contents of the change in condition correspond to a change in remaining paper quantity.

36. (Twice Amended) The method according to claim 62, wherein the determination step includes a step of determining an actual remaining paper quantity when it is determined in the determination step that the change in condition corresponds to a change in remaining paper quantity, and the informing step includes a step of informing the external apparatus of the actual remaining paper quantity.

C11 39. (Twice Amended) The apparatus according to claim 64, wherein said storage means stores the information indicating a condition change in units of types of host apparatuses, said determination means refers to the information indicating a condition change stored in said storage means in units of types of host apparatuses, and said informing means informs the host apparatus of the condition change in units of types of host apparatuses.

C11 40. (Twice Amended) The apparatus according to claim 64, further comprising additional reception means for receiving designations of the information indicating a condition change from the host apparatus, and wherein said storage means stores the information indicating a condition change received by said additional reception means in units of types of host apparatuses.

41. (Amended) The apparatus according to claim 39, wherein the types of host apparatuses include a supervisor who supervises a system including the host apparatus and said printing apparatus, and a normal user other than the supervisor.

CR 43. (Twice Amended) The apparatus according to claim 64, wherein said determination means determines whether contents of the change in condition acquired by said condition acquisition means correspond to the information stored in the storage medium.

C13 45. (Twice Amended) The method according to claim 65, wherein the storage step includes a step of storing the information indicating a condition change in units of types of host apparatuses, the determination step includes a step of referring to the information indicating a condition change stored in the storage step in units of types of host apparatuses, and the informing step includes a step of informing the host apparatus of the condition change in units of types of host apparatuses.

C13  
46. (Twice Amended) The method according to claim 65, further comprising an additional reception step of receiving designations of the information indicating a condition change from the host apparatus, and wherein the storage step includes a step of storing the information indicating a condition change received in the additional reception step in units of types of host apparatuses.

47. (Amended) The method according to claim 45, wherein the types of host apparatuses include a supervisor who supervises a system including the host apparatus and said printing apparatus, and a normal user other than the supervisor.

C14  
49. (Twice Amended) The method according to claim 65, wherein the determination step includes a step of determining whether contents of the change in condition correspond to the information stored in the storage medium.

C15  
55. (Amended) A print controlling apparatus for controlling a printing unit to print data corresponding to a print job, comprising:

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reception means for receiving from the printing unit a signal indicating that a condition of the printing unit has changed;

condition acquisition means for acquiring the condition of the printing unit in response to the signal;

determination means for determining based on the



acquired condition whether the condition of the printing unit corresponds to a power-OFF notice; and

informing means for informing an external apparatus that a power supply is scheduled to be turned off when said determination means determines that the condition of the printing unit corresponds to the power-OFF notice.

56. (Amended) A print controlling apparatus for controlling a printing unit to print data corresponding to a print job, comprising:

reception means for receiving from the printing unit a signal indicating that a condition of the printing unit has changed;

condition acquisition means for acquiring the condition of the printing unit in response to the signal;

determination means for determining based on the acquired condition whether the condition of the printing unit corresponds to a power-OFF notice;

storage means for storing information on a print job that has not been completed in a nonvolatile storage medium when said determination means determines that the condition of the printing unit corresponds to the power-OFF notice; and

informing means for, when a power supply is turned on, supplying information on the print job that has not been completed to an external apparatus on the basis of the information stored in the nonvolatile storage medium.

57. (Amended) A print controlling method for controlling a printing unit to print data corresponding to a print job, comprising:

DB  
DD  
a reception step of receiving from the printing unit a signal indicating that a condition of the printing unit has changed;

a condition acquisition step of acquiring the condition of the printing unit in response to the signal;

C15  
a determination step of determining based on the acquired condition whether the condition of the printing unit corresponds to a power-OFF notice; and

an informing step of informing an external apparatus that a power supply is scheduled to be turned off when said determination means determines that the condition of the printing unit corresponds to the power-OFF notice.

58. (Amended) A print controlling method for controlling a printing unit to print data corresponding to a print job, comprising:

a reception step of receiving from the printing unit a signal indicating that a condition of the printing unit has changed;

a condition acquisition step of acquiring the condition of the printing unit in response to the signal;

a determination step of determining based on the acquired condition whether the condition of the printing unit corresponds to a power-OFF notice;

*SB*  
~~a storage step of storing information on a print job~~  
that has not been completed in a nonvolatile storage medium when  
said determination step determines that the condition of the  
printing unit corresponds to the power-OFF notice; and  
an informing step of, when a power supply is turned  
on, supplying information on the print job that has not been  
completed to an external apparatus on the basis of the  
information stored in the nonvolatile storage medium.

*C15*  
59. (Amended) A computer readable storage medium  
that stores a program for controlling a printing unit to print  
data corresponding to a print job, said program comprising:

a code of a reception step of receiving from the  
printing unit a signal indicating that a condition of the print  
unit has changed;

a code of a condition acquisition step of acquiring  
the condition of the printing unit in response to the signal;

a code of a determination step of determining based  
on the acquired condition whether the condition of the printing  
unit corresponds to a power-OFF notice; and

a code of an informing step of informing an external  
apparatus that a power supply is scheduled to be turned off when  
said determination step determines that the condition of the  
printing unit corresponds to the power-OFF notice.

60. (Amended) A computer readable storage medium that stores a program for controlling a printing unit to print data corresponding to a print job, said program comprising:

a code of a reception step of receiving from the printing unit a signal indicating that a condition of the print unit has changed;

a code of a condition acquisition step of acquiring the condition of the print unit in response to the signal;

a code of a determination step of determining based on the acquired condition whether the condition of the printing unit corresponds to a power-OFF notice;

C15  
a code of a storage step of storing information on a print job that has not been completed in a nonvolatile storage medium when said determination step determines that the condition of the printing unit corresponds to the power-OFF notice;

a code of an informing step of, when a power supply is turned on, supplying information on the print job that has not been completed to an external apparatus on the basis of the information stored in the nonvolatile storage medium.

61. (Amended) A print controlling apparatus for controlling a printing unit to print data corresponding to a print job, comprising:

reception means for receiving from the printing unit a signal indicating that a condition of the printing unit has changed;

condition acquisition means for acquiring the

condition of the printing unit in response to the signal;

determination means for determining based on the acquired condition whether a change in condition corresponds to a change in remaining paper quantity; and

informing means for informing an external apparatus of the remaining paper quantity when said determination means determines that the change in the condition corresponds to a change in the remaining paper quantity.

C15 62. (Amended) A print controlling method for controlling a printing unit to print data corresponding to a print job, comprising:

a reception step of receiving from the printing unit a signal indicating that a condition of the printing unit has changed;

a condition acquisition step of acquiring the condition of the printing unit in response to the signal;

a determination step of determining based on the acquired condition whether a change in condition corresponds to a change in remaining paper quantity; and

an informing step of informing an external apparatus of the remaining paper quantity when said determination step determines that the change in the condition corresponds to a change in the remaining paper quantity.

63. (Amended) A computer readable storage medium that stores a program for controlling a printing unit to print data corresponding to a print job received from an external apparatus, said program comprising:

a code of a reception step of receiving from the printing unit a signal indicating that a condition of the printing unit has changed;

a code of a condition acquisition step of acquiring the condition of the printing unit in response to the signal;

95 a code of a determination step of determining based on the acquired condition whether a change in condition corresponds to a change in remaining paper quantity; and

a code of an informing step of informing the external apparatus of the remaining paper quantity when said determining means determines that the change in the condition corresponds to a change in the remaining paper quantity.

64. (Amended) A print controlling apparatus for controlling a printing unit to print data corresponding to a print job received from a host apparatus, comprising:

storage means for storing information indicating a condition change designated in a plurality of condition changes and a host apparatus in a storage medium;

reception means for receiving from the printing unit a signal indicating that a condition of the printing unit has changed;

determination means for determining, in response to the signal, whether the condition change indicated by the information stored in the storage medium has occurred; and

informing means for informing the host apparatus indicated by the information stored in the storage medium of the condition of the printing unit when said determination means determines that the condition change indicated by the information stored in the storage medium has occurred.

65. (Amended) A print controlling method for controlling a printing unit to print data corresponding to a print job, comprising:

C15 a storage step of storing information indicating a condition change designated in a plurality of condition changes and a host apparatus in a storage medium;

a reception step of receiving from the printing unit a signal indicating that a condition of the printing unit has changed;

a determination step of determining, in response to the signal, whether the condition change indicated by the information stored in the storage medium has occurred; and

an informing step of informing the host apparatus indicated by the information stored in the storage medium of the condition of the printing unit when said determination step determines that the condition change indicated by the information stored in the storage medium has occurred.

66. (Amended) A computer readable storage medium that stores a program for controlling a printing unit to print data corresponding to a print job, said program comprising:

a code of a storage step of storing information indicating a condition change designated in a plurality of condition changes and a host apparatus in a storage medium;

a code of a reception step of receiving from the printing unit a signal indicating that a condition of the printing unit has changed;

a code of a determination step of determining, in response to the signal, whether the condition change indicated by the information stored in the storage medium has occurred; and

C15  
a code of an informing step of informing the host apparatus indicated by the information stored in the storage medium of the condition of the printing unit when said determination step determines that the condition change indicated by the information stored in the storage medium has occurred.

67. (Amended) A computer program product loadable into an internal memory of a digital computer for controlling a printing unit to print data corresponding to a print job, comprising program code portions for performing the steps of:

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D1  
receiving from the printing unit a signal indicating that a condition of the printing unit has changed;

acquiring the condition of the printing unit in response to the signal;



~~determining based on the acquired condition whether~~  
the condition of the printing unit corresponds to a power-OFF  
notice; and

informing an external apparatus that a power supply  
is scheduled to be turned off when it is determined that the  
condition of the printing unit corresponds to the power-OFF  
notice.

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D1  
C15  
68. (Amended) A computer program product loadable  
into an internal memory of a digital computer for controlling a  
printing unit to print data corresponding to a print job,  
comprising program code portions for performing the steps of:

receiving from the printing unit a signal indicating  
that a condition of the printing unit has changed;

acquiring the condition of the printing unit in  
response to the signal;

determining based on the acquired condition whether  
the condition of the printing unit corresponds to a power-OFF  
notice;

storing information on a print job that has not been  
completed in a nonvolatile storage medium when it is determined  
that the condition of the printing unit corresponds to the power-  
OFF notice; and

supplying information on the print job that has not  
been completed to an external apparatus on the basis of the  
information stored in the nonvolatile storage medium, when a  
power supply is turned on.

69. (Amended) A computer program product loadable into an internal memory of a digital computer for controlling a printing unit to print data corresponding to a print job, comprising program code portions for performing the steps of:

receiving from the printing unit a signal indicating that a condition of the printing unit has changed;

acquiring the condition of the printing unit in response to the signal;

C15 determining based on the acquired condition whether a change in condition corresponds to a change in remaining paper quantity; and

informing an external apparatus of the remaining paper quantity when it is determined that the change in the condition corresponds to a change in the remaining paper quantity.

70. (Amended) A computer program product loadable into an internal memory of a digital computer for controlling a printing unit to print data corresponding to a print job, comprising program code portions for performing the steps of:

a storage step of storing information indicating a condition change designated in a plurality of condition changes and a host apparatus in a storage medium;

a reception step of receiving from the printing unit a signal indicating that the condition of the printing unit has changed;

a determination step of determining, in response to the signal, whether the condition change indicated by the information stored in the storage medium has occurred; and

an informing step of informing the host apparatus indicated by the information stored in the storage medium of the condition of the printing unit when said determination step determines that the condition change indicated by the information stored in the storage medium has occurred.

71. (Unchanged From Prior Version) A printing apparatus for printing data corresponding to a print job, comprising:

an electric power supply;

a controller arranged to control said electric power supply to continue to supply electric power for a predetermined period after a power switch is turned off; and

informing means for informing a host apparatus in the predetermined period after the power switch is turned off that said electric power supply is to be turned off.

72. (Amended) The apparatus according to claim 71, wherein the host apparatus is connected with the printing apparatus via a network.

73. (Amended) A method of controlling a printing apparatus for printing data corresponding to a print job, comprising the steps of:

controlling an electric power supply to continue to supply electric power for a predetermined period after a power switch is turned off; and

informing a host apparatus in the predetermined period after the power switch is turned off that the power supply is to be turned off.

74. (Unchanged From Prior Version) The method according to claim 73, wherein the host apparatus is connected with the printing apparatus via a network.

75. (Unchanged From Prior Version) A computer readable storage medium that stores a program for controlling a printing apparatus for printing data corresponding to a print job, said program comprising:

a code of a controlling step of controlling an electric power supply to continue to supply the electric power for a predetermined period after a power switch is turned off; and

a code of an informing step of informing a host apparatus in the predetermined period after the power switch is turned off that the power supply is to be turned off.

76. (Unchanged From Prior Version) The computer readable storage medium according to claim 75, wherein the host apparatus is connected with the printing apparatus via a network.